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| | GAATTCGCGGCCGCTCCGTGGTTGGTCCTC | <u>r</u> čec | 2255 | GCTC | CGIK | 3GTPJ | GGTC | CIC | ATG M | GTG V | | - - - | . TG | A AG | AGGA | CCTC | 3AGCC | Malak | CACC | CAAA | TCT TTT TGA AGAGGACCTGAGCCTTTCACCCAAATATA S F * | 5 4 | | |
|-------------------|--|--------------|----------------|----------|----------------|----------------|--------------|--------------|------------|------------|----------------|---------------|---------------|----------------|------------|----------|---------------|----------|----------|----------|--|-------------------|-----|-----|
| 75 | TCAAAAAACCCGGGCAACCGGCCAAAAAATTGCAAAAGCCTCTCGTAGGCACAAAAAGACCTATTCTAGCCATCAACTTT | AAAA | SCCG | ;GGC7 | AACC | 3355 | AAAA | MAA | ITGC | AAAA | GCCI | CICC | TAG | 3CAC | AAA | GACC | TAT | ICTA(| 3CCA | TCAA | CTTT | 154 | | |
| 155 1 | GTATCCGACGCTGCCGTTTAGCTGCGCGTCTTGAAGTCAAGC ATG | CCGA | CGCT | 3225 | STTTE | AGCT | 3 535 | GTC | MGA | AGTC | AAGC | ATC |) (C) | GCG ACT A T | T AC | ACT GA | GAG TC E S | TCC TOS | TCG G | GCC C | CCG P | 223 9 | | |
| 224 10 | GCG G | GCC A | ACC | ACC | CAG Q | CCG P | ØCC ₹ | AGC S | c ACC T | CCG P | o L | CTG GC L A | GCG A | AAC T | TCG 1 | TCG (S | CTG 1 | TAC (Y | GTC V | GGT G | GAC D | 283 29 | | |
| 284 30 | CTG L | GAG | AAG K | GAT D | GTC V | ACC | GAG | GCC A | c cAG | 3 CTG L | G TTC F | | GAG C | CTC T | TTC 1 F | TCC | TCG (S | GTT (| ეტე ე | CCT | GTG V | 343 49 | | |
| 344 50 | GCC T | TCC | ATT I | CGC R | GTG TGC V C | 73C | CGC R | GAT D | r GCC A | c GTC V | C ACG T | | CGC CC | CGC T | TCG (S | CTG (| GGC 1 | TAC | GCC A | TAC Y | GTC V | 403 69 | 1.1 | 1.7 |
| 4 04 70 | AAC N | TAC Y | AAC N | AGC S | GCT A | CTG (| GAC | CCC P | c cAG | G GCT A | T GCT A | | GAC CO D R | CGC G | GCC A | ATG (| GAG 7 | ACC | CTG L | AAC N | TAC Y | 4 63 89 | 17 | 17 |
| 464 90 | CAT G | GTC V | GTG V | AAC N | ე ე | AAG K | CCT | r ATG M | G R | c ATC I | C ATG | S T S | TGG TW | TCG C | CAC (H | CGC R | GAC (D) | CCT | TCG | GCC A | CGC R | 523 109 | | |
| 524 110 | AAG K | TCG S | 99C 9 | GTC V | ည ၁၅ | AAC N | ATC I | TTC | c ATC I | c AAG K | G AAC N | | CTG G | GAC A D K | AAG 1 | ACC 7 | ATC (I | GAC | GCC A | AAG K | gcc A | 583 129 | | |
| 584 130 | CTG (L | CAC H | GAC | ACC T | TTC | TCG S | A GCC | TTC | ეტე ე | c AAG K | G ATT I | | CTG TV | TCC T | TGC 7 | AAG (K | GTT (| GCC A | ACT | GAC | GCC A | 643 149 | | |
| 644 150 | AAC N | 0 0 0 | GTG V | TCG | AAG K | ည ဗ | TAC | ටුවූව ද ව | c TTC F | c GTG V | G CAC H | | TTC G | GAG G E D | GAC (| CAG | GCC 0 | GCT | GCC A | GAT D | CGC R | 703 169 | | |
| 704 170 | GCC A | ATT I | ATT CAG I Q | ACC | GTC V | GTC AAC V N | CAG Q | 3 AAG K | G AAG K | | AIT GAG I E | | GGC A | AAG A K I | ATC (| GTG ' | TAC (Y | GTG | GCC A | CCC | TTC | 763 189 | | |
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| 1483 429 | 1543 449 | 1603 469 | 1663 489 | 1723 509 | 1783 529 | 1843 549 | 1903 569 | 1963 589 | 2023 609 | 2088 624 | |
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| . , , , , , , , , , , , , , , , , , , , | ATG 1 M 4 | CAG 1 | CGC . | CCC | GCC A | GCC A | GAG | GAG | GCT | TGCG | |
| GCT A | ATG Z | CCC | 200 0 | AAG K | GCC A | GCC | GCG A | GCC ₽ | ATC I | AGCGCCTGCACGCTTGTGCG | |
| TTC | CCC | CCG P | 9 9 | CCC | CCT P | CTG L | GTG V | AAC N | GCC A | 3CACG | |
| TTC F | CCG P | ATG M | CGT R | CAG Q | GCG A | GCG A | CAG Q | GAC | GAG E | 3CCIK | |
| 000 P | TAC Y | ATG M | ලල ල | CAG Q | GCG A | TCC | CCG P | ATG M | GAC | | |
| ATG M | ATG M | CCC P | CGC R | GCC A | GCC A | GCC | TAC Y | GAG E | GTG V | TAA * | |
| GCC A | ATG M | . 00 | 999 9 | CCT P | GCT A | ACC T | CTG L | CTG L | AAG K | GCT A | |
| ည ၁၉ |) (0 | CGC R | CCC | GCC | CCC P | CTG L | CGC R | CTG L | TCC | AAG K | |
| CCC P | CCG P | CCC | ე ე | AAC N | GCC A | CCG | GAG E | ATG M | GTG V | AAC | (|
| TAC | GCT A | ე ე | ATG M | AAC N | GCC | CAG Q | ეგე ე | ეე ე | CTG L | GAG | 7 |
| CCC | 0 2 2 3 | CGC R | CCC P | ეტ ტ | GCC A | CAG Q | ATC I | ACC | GCG A | GAG E | ([|
| AGC S | CCC P | ည ဗ | 000 P | 000 70 | GCC | GCC | ATG M | ATC I | GAG E | GCC A | _ |
| ATG M | ည ဗ | CCC P | 0 0 0 | 0 0 0 | CCC P | GCC A | ATG M | AAG K | CAC H | ATT I | |
| ე ე | GCT A | ეე ე | ATG M | CAG Q | GCG A | CCC | AAG K | ეე ე | TCG | GTG V | |
| OCC A | GCT A | CCT P | ATG M | 9 9 | OCC P | 9 8 | CAG Q | GCT A | GAG | AAC N | |
| ATG M | ATG M | ATG M | CCC P | CGC R | GCC A | GAG | CAG CAG | CTG L | CTG | CAC | |
| 000 P | ე ე | ეე ე | 9 9 | 9 9 | CCG P | CCG P | GAG E | GAC D | CIT | CAG | |
| AAC N | ეე ე | CGC R | GGT | TCC | GAG | GAG | CCG | CCC | ATG | AAG K | |
| 000 P | CCC | CCG P | ATG | CCC | GCT A | GCG | GCG A | CAG Q | CTG | CTC | |
| CCG P | ეე ე | CCG | ATG M | ეე ე | GCC A | GCG A | 9 A | CTG | CIT | GTG V | |
| 1424 410 | 1484 430 | 1544 450 | 1604 470 | 1664 490 | 1724 510 | 1784 530 | 1844 550 | 1904 570 | 1964 590 | 2024 610 | |
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| #1 B# ### | H.A. ST., N. A., H.A. |

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| 2159 8 | 2219 28 | 2284 43 | 2364 | 2444 | 2516 8 | 2576 28 | 2636 48 | 2715 49 | 2790 5 | 2846 23 | |
| 2089 GGCTGGTGGCGCGCGCGCGCGCGCTGCTTGGGCCGCCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGC | 2160 GAG CAG TGC TTG CTT CTG GCC GCC GTG AAG CCG CGC CGA ACT GGG GCG GAC GGC AGG 9 E Q C L L L A A V K P R R T G A D G R | 2220 CTG GCG TTG ACG CCG CGC CAC AAC ACA AAG TTG GTG GCG TGA AAGTCTCTGGGCGTGCTCCG $29~\mathrm{L}$ A * | 2285 GACGGTYGTAAGGTYTYAAGAACYGGCTYTYYGGCCGGGTYGCCGCCCAAAGGCGGAACGGCGGTCTYYYCAGGCCAATCA 2364 | 2365 CATCCGGCTGGAAAATTCTTACCAAGCCAACCCCTGCACCCAAAAATTTCGGGTTCCGAAAGAACACTCCCCTTTTTT | 2445 CCGCCAACGCGTTCTTTCAAGGCCAATCACTTTCCGGGTTGGAAGAAA ATG TTA CCC GGA AAA GGC GGG AAG | # 2517 CCC CCT GCA CCC GGA CAA GTT ATT CGG GGT TTC GCC GGG AAT GAG CAA GCG TTC GGG CTG | $\stackrel{\textbf{33}}{\textbf{F}}$ 2577 TTG GCC GTA TCG CGA ACG CTG TCG GGG TGT CAG GCG CCA GAA GGA AGG ATG ACG TTT TGG $\stackrel{\textbf{44}}{\textbf{42}}$ 29 L A V S R T L S G C Q A P E G R M T F W | 2637 TGA AGGGGTGCAAACTGAGCACACGAGTTTTGGCAATAGACGTGGAAAAGTCCAGTGCGGGGTGAGGCGGATAGCGGA 2715 49 * | 2716 ATCAAGCGTGCGGGTCCCTGGCGAGACGCTTCTGTTGTTTTGCTGAGCCCTTTG ATG GCA CAA TCG CAC 1 | 2791 TGT TTT GAG CAG ACT GTA AAG TGC CCG ACG CTA AAA AAG CGG CCG CGA ATT CC 6 C F E Q A T V K C P T L K K R P R I | FG 1D |

MNRWNLLALTLGLLLVAAPFTKHQFAHASDEYEDDEEDDAPAAP

FIG. 2A

NSGINKQLILWTTADDLKADAEIMTVFREASKKFKGQLVFVTVNNEGDGADPVTNFFG AGLDAVDTVSVVKNFAGEDRATAVLATDIDTDSLTAFVKSEKMPPTIEFNQKNSDKIF LIAKVDATQEESLAQKFGVQGYPTLKWFVDGELASDYNGPRDADGIVGWVKKKTGPPA KDDDVDVTVVTVKNWDETVKKSKFALVEFYAPWCGHCKTLKPEYAKAATALKAAAPDA VTVEDADKLKSLEADAEVVVVGYFKALEGEIYDTFKSYAAKTEDVVFVQTTSADVAKA

LKGATSPVLLGFFMEKNKKFRMEGEFTADNVAKFAESVVDGTAQAVLKSEAIPEDPYE

MDGTENEHPEI EVKGFPTILFYPAGSDRTPIVFEGGDRSLKSLTKFIKTNAKIPYELP DGVYKIVGKTVESVVLDETKDVLLEVYAPWCGHCKKLEPIYKKLAKRFKKVDSVIIAK

KKGSDGDEGTSDDKDKPASDKDEL

agaccaccag cgccgacgtc ggagtccctg tggcgagctg gaagaagaag gctgctgctg tgtggtgacc gttctacgct caccgccctg ggaggcggac gegagateta egaeaeette gagtacgttt acgccatgaa ccgttggaac cttcttgccc ttaccctggg gctcatgctt ccgatgagta tcgacgttac cgcttgtgga ccacccagga ggttcgttga tgaagtccct ctaaggctgc ttggctgggt gacgacgacg gtgttcgtgc gtcaagaact gggatgagac cgtcaagaag tccaagttcg gccgacaagc gacceteaag cetgagtaeg cettategee aaggtegaeg acceteaagt gatggcattg gccctggagg ccgcgacgct ctacttcaag aagteetaeg eegeeaagae egaggaegtg gaggaggacg atgccccgc cgccctaag actggcccc ccgccgtgac cgttgaggac gtggcagcgc ccttcaccaa gcaccagttt gggctacccc gctgaggtcg ttgtcgtcgg gccactgcaa aaggetgetg etecegatge gcccagaagt tcggcgtgca gettetgact acaacggeee ccttggtgcg 241 301 361 541 181 421 481

cttcgccggt

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2B FIG. gctgcaagaa gatagcgccg ggatcaggga gtaagcggct gcttggagca attggcgcga tgcgactgga agatgaacaa tggatggatt ggatgtgcgt cgcccggcac ctacaagaag tggcactgag cctgaccaag cgacggcgac cactgtgcat ggctaggggc cggtgcagtc ggacgtgctg tcccgccggc gaccgcgttc tgacaagatc cctgaaggcc ccagctggtg gaagttccgc ggtggacggc ggatggcgtc cttcggcctc ccgcagcgca caaagaacgg cgctcaagtc tgcgcttgca gcgggcgcat tccacagccc tgtgtgcata gtgtatgtgg ctgtcgccct tcgcggcgtg agaagaacaa accctatga acgagaccaa ccaagatgga tcctgttcta agaagggctc aggacgagct tcggttggtg cgggaggaag cctctccctg ttgtcgggtc tcaccaactt ccgagagcgt tggagcccat ccgccgacga agttcaaggg tggtcaagaa ctgactccct agaagaactc ttccctacca ggcgaccgct ttggtacggt ctgacggtgt ctcggcgctt agccgggcct cagtgtgcgg gagctgccca gcgtccgaca cttgcgcgct gaggctgcgc agggacgctg agcgagggtg gcgagggcaa gccagcaaga gccgaccccg gtggttctgg tgcaagaagc gtcatcatcg caacggcgga tgctgccggg ggcgcccgtg ctgtggacca ttcttcatgg gctaagttcg atccccgagg accgtgtccg gacatcgaca gagttcaacc gcgaggaaaa ggagaggata gctgtgttgc gggattgcga ggtggattcc ctggcatgcg ggtagtggtg tactagtatg tctgttgagg ggatgatgag gtgcggccac ggtcaagggc gatecegtae ggacaagccc ggagcgtctg acggagcacg tttgccaaag cgtggagtct gttcgagggc ctggcagcag gcagctgatt gtcggaggcc cgccgtggac cccaccatt gttccgcgag gggcgacggc gctgctgggc tgacaacgtg cctggccacg gctggagtca agctagcgca gacgcacggt tgtccggatg cggagtgcat ccaacgccaa ggctgttgct gccctgcggt catgaagagt gctttaagaa ccgagatcga cggacgacaa ccccaggttt gtgatccgtc gcgttacggg ccggcctgga ccaccgccgt gcatcaacaa tcatgactgt cctcgcctgt ccgtgctcaa tgggcaagac acgcccctg ccccatcgt taaggaggag aagacgagac agaagatgcc tcaacaacga agttcacggc gtgccccgac ggttccgaac ggccgcgtga cagcggatcg ggagccaagg ctggccaagc agcgaccgca gagggcacct agttttttag cgtttctctc cgccttgcgc gacgccgaga aagggcgcca atggagggcg accgcgcagg tacaagattg ctggaggtgt aacgagcacc ttcatcaaga atctgaacta ggatgggagt ccggcagcgc gctggcgagc agagatgaga cttgctagga gccaaggccg ttcgtgaccg gaggaccgcg gtcaagtcgg ttcaacagcg 561 101 161 441 501 801 861 981 041 221 2281 901 961 261 381 621 681 741 921 841 201 321 081 141

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Ser Val Phe

Ala Thr

Cys Leu Leu Thr

Pro (

Ile Met Ile

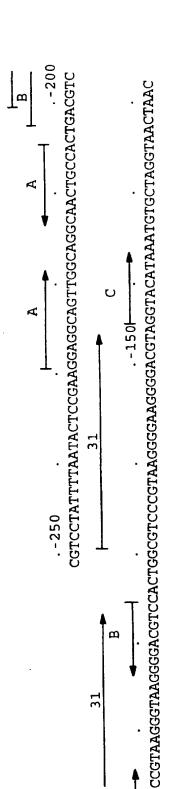
Gly Val

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<u>GTTTGATTTTTTGTGGTATAAT</u>ATATGTACCATGCTTTTAATAGAAGCTTGAATTTATAAATTAAAATATTTT -100

10 Met Thr Ala Ile Leu Glu Arg Arg Glu Asn ATTTTACGGAGAAATTAAAAAATTAACAT ATG ACA GCA ATT TTA GAA CGT CGT GAA AAT

TCT AGC CTA TGG GCT CGT TTT TGT GAG TGG ATC ACT TCA ACT GAA AAC CGT TTA TAC ATC GGT TGG TTC GGT GTA ATC ATG ATC CCA TGT CTT CTT ACT GCA ACA TCA GTA TTC ATC ATC Leu Tyr Glu Asn Arg Thr Glu Trp Ile Thr Ser Asn Ser Ser Leu Trp Ala Arg Phe Cys . 50 G1y.100

gct ttc atc gct gct ccg cca gta gac atc||Gat ggt atc cgt gaa cca gtt tca ggt tct Glu Pro Val Ser Gly . -200 Pro Pro Val Asp Ile Asp Gly Ile Arg Ile Ala Ala Ala

FIG. 3A

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110 90 Gly GGT GGT GGT Try Asn Gly GCA TAC AAC TCT AAC Asn Ser Asp Glu Trp Leu TGG TTA CCA ACT Pro Thr CTA GAC GAG IleGGT GCT GTA ATC Val Leu IleVal Ala Ser TGG GAA GCT GCT TCT .300 Ala $_{
m G1y}$ Ala Thr GGT AAC AAC ATC ATT ACA Ser Ile Glu Trp Ile Ile Asn TAC CCA ATT Pro Asn TyrGlyCTT TAC Phe Tyr Leu Len Leu

130 .450 Arg Glu GTA TAC TGC TAC ATG GGT GGG GAG Gly Met Tyr Cys TyrAla Val GGTG1yCTA Leu TIC CIT Leu Cys His Phe TGT CAC Leu GIT Val Leu Ile CIT ATC Gln CAA TAC Tyr Pro CCT

150 Pro S GTA GCT TAC TCA GCT Ser Tyr Ala Val Ala ATC GCT Ile Trp TTA GGT ATG CGT CCA TGG Pro ' Arg Met GlyLeu Arg TCT TTC CGT Ser Phe TTA Leu GAA Glu ŢĞĞ Trp

170 Asp CAC GAC GAA TCT Ser ATC GTA TTC CAA GCA TCA TTC Ser Phe GGT G1yGln GGC CAA Tyr Pro Ile Gly TAC CCT ATC TTC AAC TTC ATG Val GTTIle Phe Leu ccr rra ggr][Arc rcr ggr Acr TTC TTA GTA Ser Ala Val TCA GCT Thr GCT Ala GCA Ala GTA GCT Ala

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His

Glu

Ala

Gln

Phe

Ile Val

Met

Phe

Asn

Phe

Thr

Gly

Ser

Ile

Gly

Len

Pro

Gly

210 TTA Ser GGT GTA TTC GGT GGT TCA GlyG1yPhe Val Gly TTA GGT GTT GCT Ala Val Leu Gly .600 ATG Met CTT ATG CAC CCA TTC CAC His Phe Pro His Len Ile AAC Asn

AAC Thr ACT ACA Thr GAA Glu Arg GGT TCT TTA GTT ACT TCA TCT TTA ATC CGT Ile Ser Leu Thr Ser Ser Leu Val .850 Gly ATG CAC His Met Ala GCT TCA

FIG. 3B

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Ala 250 GCT GTA Tyr Asn Ile Val TAC AAC ATT ACT Glu Glu Glu Thr GAA GAA GAA CAA Gln GGT Gly TIC Phe CGI Tyr Arg TAC GGTSer Ala Asn Glu Gly AAC GAA .700 GCT TCA

Glu

Ala

GAA

Ser TCA CGT Arg AAC TCT Asn Ser Asn TAC GCT TCT TTC AAC Phe Ser Ala Tyr Gln GCT CAT GGT TAC TTT GGT CGT CTA ATC TTC CAA Phe Ile Len Arg GlyPhe Tyr His Gly

290 Len TTA $_{
m Gly}$ TTA GGT Ala Leu TGG TTC ACT GCT Trp Phe Thr .850 Ile GGT ATT G1yIle TTC TTA GCT GCT TGG CCG GTA ATC Val Pro Val Trp Ala Ala Leu Phe TIC Phe CAC His Leu

.900

310 Gln CAA Ser TTC AAC TTA AAC GGT TTC AAC TTC AAC CAA TCA GTA GTA GAC TCA Val Asp Gln Ser Val Asn Phe Gly Phe Asn Asn Leu Asn Phe Ala GCA Met Thr ACT TCA Ser

Val GAA GTA CGT GTA CTA AAC ACT TGG GCA GAC ATC ATC AAC CGT GCT AAC TTA GGT ATG Met GlyLeu Ala Asn Arg Asn Ile Ile Trp Ala Asp .950 Thr Leu Asn Val Arg ggT

.1050 Ser 350 AGC TCA Ser CGT AAC GCT CAC AAC TIC CCT CTA GAC TIA GCT TCA ACT AAC TCT Asn Ser Pro Leu Asp Leu Ala Ser Thr Phe His Asn Ala Arg Asn .1000 GAG Glu His ATG CAC

Glu Ala Pro

Ile

Ala

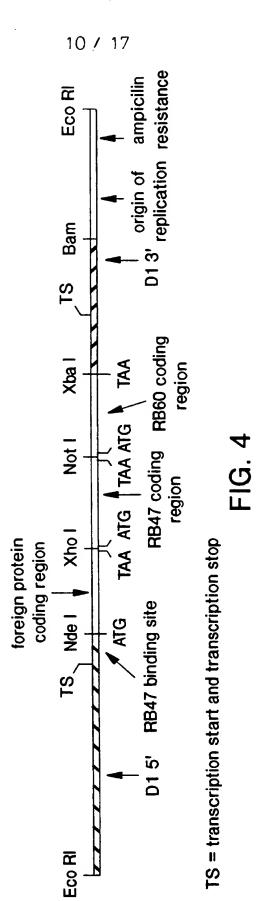
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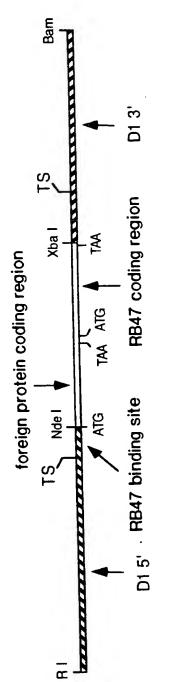
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| CGT R | CCG P | CTG | GTC V | GCT A | ATC | AAG K | AAG K | GTG V | ATT I | AGG R |
| GGT G | ACC T | CAG Q | GCC A | CAG Q | 23 R | ATC I | ၁ ၁ ၁ | TTC | AAG K | GCA |
| GAA E | AGC S | GCC A | GAT D | CCC | ATG M | TTC | TTC | ည ဗ | AAG K | AGG R |
| ATC I | GCC | GAG E | CGC R | GAC D | | ATC I | gcc A | TAC Y | CAG Q | CCC |
| CAT H | 000 P | ACC | 73 C | CTG L | AAG K | | TCG | 9 9 | AAC N | CGC 78 |
| 0 0 0 | CAG Q | GTC V | GTG V | GCT A | | တ တ | | AAG K | GTC V | GAC |
| AGC S | ACC | | 000 R | | | GTC V | ACC | TCG | ACC | GCT |
| AGC S | ACC | | ATT I | AAC N | | 9 9 | GAC | GTG | CAG | CGC R |
| CAC H | GCC A | GAG E | TCC | TAC Y | | TCG | CAC H | ည ဗ | ATT I | AAG K |
| CAT H | GCG A | CTG L | GCC A | AAC N | | AAG K | | AAC N | GCC A | CAG Q |
| CAT H | CCG P | GAC D | GTG V | GTC V | TAC Y | | GCC A | GCC A | CGC R | TTC |
| CAT | GCC A | GGT G | CCT P | TAC Y | AAC N | GCC A | AAG K | GAC D | GAT D | CCC |
| CAT H | TCG S | GTC V | 9 9 | GCC | CTG L | | GCC | ACT T | GCC A | GCC |
| CAT H | TCC | TAC Y | GTT V | TAC Y | ACC | CCT P | GAC D | GCC | GCT A | GTG V |
| CAT H | GAG E | CTG L | TCG | | | GAC D | | GITT V | GCC A | TAC Y |
| CAT H | ACT T | TCG | TCC | | ATG M | 000 200 | ACC | AAG K | CAG Q | GTG V |
| CAT H | ACT T | TCG | TTC | TCG | GCC | CAC H | AAG K | 73GC C | GAC D | ATC I |
| CAT H | GCG A | AAC N | CTC L | CGC R | CGC R | TCG | GAC | TCC | GAG E | AAG K |
| ეტ ე | ATG M | 900 P | GAG E | CGC R | GAC | TGG W | CTG L | CTG L | TTC | ည ၁၅ |
| ATG M | CAT H | CTG L | TTC | ACG | GCT A | ATG M | AAC N | ATT I | CAC H | GAG E |
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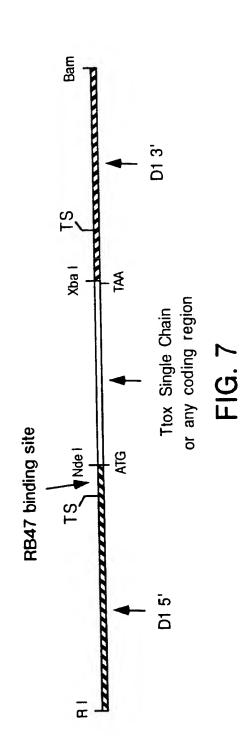
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|------------|------------|-------------|----------------|------------|-------------|-------------|---------------|-------------|-----------------------|----------------------|
| 720 240 | 780 260 | 840 280 | 300 | 960 320 | 1020 340 | 1080 360 | 1140 380 | 1200 400 | 1260 420 | 1278 424 |
| CTG L | AAG K | 7GC C | CAG Q | CGT R | GAC D | ATG M | GAG E | TAC Y | CAG Q | |
| GAG E | GAC D | AAG K | GCC A | GAG E | GTC V | GTC | GAC | CTG L | ATG M | |
| GAC D | GAC | GCC A | CGC R | CAG Q | GAG E | AAG K | CAC | CCC P | AAC | |
| GAC | AAG K | GCG A | ပ္ပ ပ္ပ | AAG K | GAG | 73GC C | AGC | AAG K | GCC | |
| ე ე | ATG M | TCG | GCC A | AGC | GAC | TCG | ACC | ည ဗ | GAG | |
| ATC | GTC V | GAG E | TAC Y | GAG E | TCC | ACC | TTC | AAG K | CTG | |
| GAC D | GTG V | GCC A | CTG L | GAG | CTG | ATC | TGC C | GTC V | CAG Q | |
| GCC A | GCG A | GAC | ACC | GCC | AAC | ACC | GTG | ATG M | ACC T | C |
| CCG P | AGC | AAG K | AAG K | AAG K | AAG K | ည ၁ ၁ | TTC | AAG K | GCC A | 5B |
| TTG | ACC T | TTC | 9 9 | CAG Q | GTC V | TCT | ეტე ე | ეე ეე | CGT R | <u>:</u> |
| AAC N | ATC I | AAC N | AGC S | CGC R | TAC | AAC | TTC | AAC N | 2 2 3 3 4 | ш |
| AAG K | GAG | ATC I | ATG M | CTC | CTG | GCC A | ည ၁၅ ၁၅ | , ATG M | GTG V | |
| GTC V | ည ၁၅ | TTC | GAG E | ATG | AAC | TTC | AAG K | GAG | GAC D | |
| TTC | CAC H | 0 0 0 | 00 00 00 | £ € | ATG | CTG | TCC | ACC T | AAG K | |
| GTG V | GAG E | TTC | GAG | GAG | AGC | GAG | AAG K | GTG V | CGC R | MCC |
| AAC N | ACC | တ္ ပ | AAC | CGC R | CAG | CGT R | ეტე ე | CCC P | CAG O | TAA GGATCC * |
| ACC T | 9 8 | AAG K | CTG | GAG E | TAC | CTG | AGC S | CCG | GCG A | TAA* |
| TAC Y | ATG M | AGC | TAC | ACC | AAG K | GCC A | ည ဗ | CGG R | CTG | ATG |
| TTG | AAG K | ට ව | GAG E | AAG K | CTG L | GAC | GAC | ACC | GCC A | 20 20 20 20 |
| ACG | ည ဗ | ပ္ပ ပ္ပ | GTG V | AAG K | TAC | GAC D | AAG K | GCC | GTG | GCG |
| 661 221 | 721 241 | 781 261 | 841 281 | 901 | 961 321 | 1021 341 | 1081 361 | 1141 381 | 1201 401 | 1261 421 |

RECTIFIED SHEET (RULE 91)

1987 1



TS = transcription start and transcription stop
FIG. 6



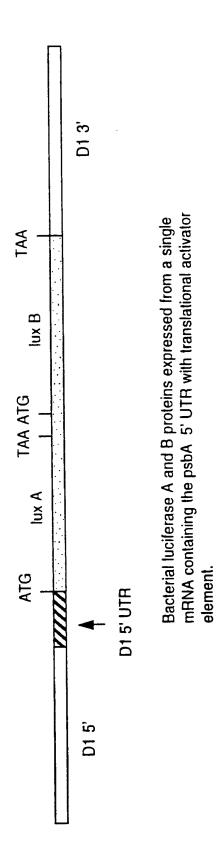
RECTIFIED SHEET (RULE 91)

| C. re | อาทกละอน | 11 expre | sseu | |
|-----------|-----------|-------------|------------|------------|
| algnios c | .3 pellet | 2.1 soluble | 2.1 pellet | et Tox Fab |
| • | • | • • | | 1 |

-a- Fab

FIG. 8

S.1-83



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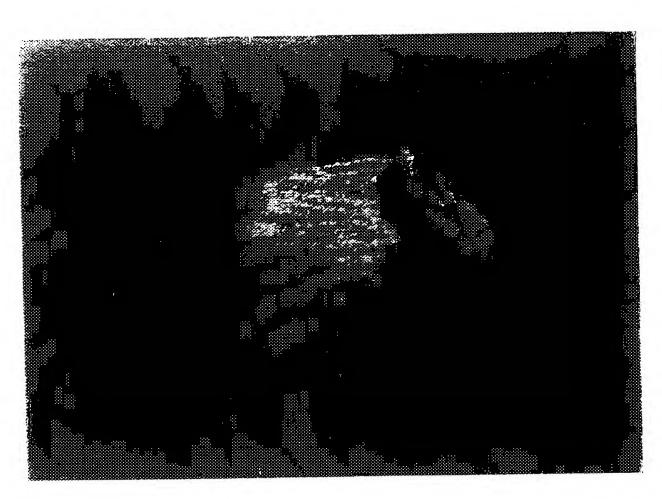
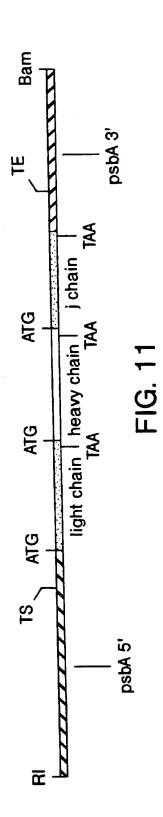


FIG. 10

an Ag

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